

Table 1 Sectoral Report for Energy (Scotland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	51,301	89	1.71
A. Fuel Combustion Activities (Sectoral Approach)	50,029	15.04	1.68
1. Energy Industries	19,317	0.60	0.45
a. Public Electricity and Heat Production	14,846	0.24	0.35
b. Petroleum Refining	2,893	0.07	0.05
c. Manufacture of Solid Fuels and Other Energy Industries	1,578	0.29	0.04
2. Manufacturing Industries and Construction	9,207	1.77	0.46
a. Iron and Steel	3,124	1.33	0.06
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other (<i>please specify</i>)	6,083	0.44	0.40
3. Transport	10,523	2.34	0.39
a. Civil Aviation	329	0.02	0.01
b. Road Transportation	9,030	2.30	0.28
c. Railways	172	0.01	0.06
d. Navigation	954	0.01	0.02
e. Other Transportation (<i>please specify</i>)	38	0.00	0.02

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	10,517	10.31	0.37
a. Commercial/Institutional	2,405	0.25	0.03
b. Residential	7,556	9.98	0.14
c. Agriculture/Forestry/Fisheries	555	0.08	0.20
5. Other (Military Aircraft and Naval Vessels)	464	0.01	0.01
B. Fugitive Emissions from Fuels	1,273	74.14	0.03
1. Solid Fuels	16	30.17	0.00
a. Coal Mining	0	30.08	0.00
b. Solid Fuel Transformation	16	0.09	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	1,257	43.97	0.03
a. Oil	340	5	0.00
b. Natural Gas	0	27	NO
c. Venting and Flaring	917	11.87	0.03
Flaring	917	4	0.03
Venting	0	8	NO
Memo Items: ⁽²⁾			
International Bunkers	NA	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE		

Table 2(I) Sectoral Report for Industrial Processes (Scotland, 1990)
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO₂	CH₄	N₂O	HFCs	PFCs	SF₆
CATEGORIES	(Gg)			Gg CO₂ Equivalent		Gg
Total Industrial Processes	1,147	0.52	1.27	0.15	113.45	19.97
A. Mineral Products	665	0.00	0.00	0.00	0.00	0.00
1. Cement Production	466	NO	NO			
2. Lime Production	0	NO	NO			
3. Limestone and Dolomite Use	175	NO	NO			
4. Soda Ash Production and Use	24	NO	NO			
5. Asphalt Roofing	NE	NO	NO			
6. Road Paving with Asphalt	NE	NO	NO			
7. Other (fletton bricks)	0	0.00	NO			
B. Chemical Industry	163	0.42	1.27	0.00	0.00	0.00
1. Ammonia Production	0	NE	NO			
2. Nitric Acid Production	NO	NO	1.27			
3. Adipic Acid Production	NO	NO	0.00			
4. Carbide Production	NO	NO	NO			
5. Other (<i>please specify</i>)	163	0.42	NO			
C. Metal Production	318	0.10	0.00	0.00	94.25	0.00
1. Iron and Steel Production	244	0.10	0.00	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
3. Aluminium Production	75	NO	NO	0.00	94.25	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00	0.00	0.00
5. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00

Table 2(I) Sectoral Report for Industrial Processes (Scotland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	0.00	0.00	0.00
2. Food and Drink ⁽²⁾	IE	NO	NO	0.00	0.00	0.00
E. Production of Halocarbons and SF₆	0.00	0.00	0.00	0	0.00	0.00
1. By-product Emissions	NO	NO	NO	0	0.00	0.00
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	0.00
3. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	0.15	19.20	19.97
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	0.00	0.00	0.00
2. Foam Blowing	NO	NO	NO	0.00	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	0.00	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	0.15	0.00	0.00
5. Solvents	NO	NO	NO	0.00	0.00	0.00
6. Semiconductor Manufacture	NO	NO	NO	0.00	0.00	0.00
7. Electrical Equipment	NO	NO	NO	0.00	0.00	0.00
8. Other (<i>please specify</i>)	NO	NO	NO	0.00	19.20	19.97
G. Other (<i>please specify</i>)	0.00	0.00	0.00	0.00	0.00	0.00

Table 4 Sectoral Report for Agriculture (Scotland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH₄	N₂O
CATEGORIES	(Gg)	
Total Agriculture	165.16	16.62
A. Enteric Fermentation	148.01	0.00
1. Cattle	99.71	NO
2. Buffalo	NO	NO
3. Sheep	47.18	NO
4. Goats	0.11	NO
5. Camels and Llamas	NO	NO
6. Horses	0.26	NO
7. Mules and Asses	NO	NO
8. Swine	0.68	NO
9. Poultry	0	NO
10. Other (Deer)	0.08	NO
B. Manure Management	16.28	0.69
1. Cattle	12.62	0.00
2. Buffalo	NO	NO
3. Sheep	1.12	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.02	0.00
7. Mules and Asses	NO	NO
8. Swine	1.36	0.00
9. Poultry	1.16	0.00
9a. Deer	0.00	0.00

Table 4 Sectoral Report for Agriculture (Scotland, 1990)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH₄	N₂O
CATEGORIES	(Gg)	
B. Manure Management (continued)		
10. Anaerobic Lagoons	NO	NO
11. Liquid Systems	NO	0.02
12. Solid Storage and Dry Lot	NO	0.61
13. Other (Poultry Litter, Stables etc)	NO	0.06
C. Rice Cultivation	NO	NO
D. Agricultural Soils⁽¹⁾	NE	15.91
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	0.87	0.02
1 . Cereals	0.86	0.02
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.01	0.00
G. Other	0.00	0.00

Table 5 Sectoral Report for Land Use Change and Forestry (Scotland, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO₂	CH₄	N₂O
CATEGORIES	(Gg)		
5. Land-Use Change and Forestry	-2,541	0.13	0.00
A. Forest Land	-7,547		
B. Cropland	6,104		
C. Grassland	-2,119	0.03	0.00
D. Wetlands			
E. Settlements	1,736	0.10	0.00
F. Other land			
G. Other activities	-714		

Table 6 Sectoral Report for Waste (Scotland, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	43	135	0.30
A. Solid Waste Disposal on Land	0.00	132	0.00
1. Managed Waste Disposal on Land	0.00	132	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	2.96	0.29
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	2.96	0.29
3. Other (<i>please specify</i>)			
C. Waste Incineration	43	0.19	0.00
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 1990)
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	49,950.79	389.78	19.90	0.15	113.45	19.97
1. Energy	51,301.33	89.18	1.71	0.00	0.00	0.00
A. Fuel Combustion	50,028.54	15.04	1.68	0.00	0.00	0.00
1. Energy Industries	19,317.49	0.60	0.45	0.00	0.00	0.00
2. Manufacturing Industries and Construction	9,207.10	1.77	0.46	0.00	0.00	0.00
3. Transport	10,523.03	2.34	0.39	0.00	0.00	0.00
4. Other Sectors	10,516.65	10.31	0.37	0.00	0.00	0.00
5. Other	464.27	0.01	0.01	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	1,272.79	74.14	0.03	0.00	0.00	0.00
1. Solid Fuels	15.58	30.17	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	1,257.21	43.97	0.03	0.00	0.00	0.00
2. Industrial Processes	1,146.97	0.52	1.27	0.15	113.45	19.97
A. Mineral Products	665.42	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	163.09	0.42	1.27	0.00	0.00	0.00
C. Metal Production	318.46	0.10	0.00	0.00	94.25	0.00
D. Other Production ⁽³⁾	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	0.15	19.20	19.97
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 1990)
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	165.16	16.62	0.00	0.00	0.00
A. Enteric Fermentation		148.01	0.00	0.00	0.00	0.00
B. Manure Management		16.28	0.69	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	15.91	0.00	0.00	0.00
E. Prescribed Burning of Savannas		NO	NO	0.00	0.00	0.00
F. Field Burning of Agricultural Residues		0.87	0.02	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
5. Land-Use Change and Forestry	-2,541	0.13	0.00	0.00	0.00	0.00
A. Forest Land	-7,547					
B. Cropland	6,104					
C. Grassland	-2,119	0.03	0.00			
D. Wetlands	0.00					
E. Settlements	1,736	0.10	0.00			
F. Other land	0.00					
G. Other activities	-714.20					
6. Waste	43.5	134.8	0.30	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	131.63	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	2.96	0.29	0.00	0.00	0.00
C. Waste Incineration	43.5	0.19	0.00	0.00	0.00	0.00
D. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	48623.62	369.19	17.98	131.84	87.62	0.00
1. Energy	51671.27	79.86	1.85	0.00	0.00	0.00
A. Fuel Combustion	49547.86	8.39	1.83			
1. Energy Industries	22147.70	0.44	0.41			
2. Manufacturing Industries and Construction	6103.46	0.52	0.37			
3. Transport	10532.13	1.81	0.71			
4. Other Sectors	10420.80	5.61	0.34			
5. Other	343.78	0.01	0.01			
B. Fugitive Emissions from Fuels	2123.41	71.47	0.02			
1. Solid Fuels	0.00	29.38	0.00			
2. Oil and Natural Gas	2123.41	42.09	0.02			
2. Industrial Processes	642.77	0.58	0.00	131.84	87.62	0.00
A. Mineral Products	399.05	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	175.85	0.58	0.00	0.00	0.00	0.00
C. Metal Production	67.88	0.00	0.00	0.00	35.88	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	131.84	51.74	0.00
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 1995)
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	162.59	15.83	0.00	0.00	0.00
A. Enteric Fermentation		146.25	0.00			
B. Manure Management		16.33	0.69			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	15.14			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-3720.48	0.10	0.00	0.00	0.00	0.00
A. Forest Land	-8972.99					
B. Cropland	6316.06					
C. Grassland	-2197.79	0.03	0.00			
D. Wetlands	0.00					
E. Settlements	1700.78	0.07	0.00			
F. Other land	0.00					
G. Other activities	-566.54					
6. Waste	30.05	126.07	0.30	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	122.93	0.00			
B. Wastewater Handling	0.00	3.02	0.30			
C. Waste Incineration	30.05	0.11	0.00			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2004)
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	44396.07	241.43	16.19	717.38	75.08	0.00
1. Energy	48305.59	27.80	2.50	0.00	0.00	0.00
A. Fuel Combustion	47506.50	4.58	2.50			
1. Energy Industries	19544.86	0.39	0.40			
2. Manufacturing Industries and Construction	5934.06	0.52	0.33			
3. Transport	11461.63	0.73	1.47			
4. Other Sectors	10330.79	2.94	0.28			
5. Other	235.16	0.01	0.01			
B. Fugitive Emissions from Fuels	799.09	23.22	0.01			
1. Solid Fuels	0.00	4.79	0.00			
2. Oil and Natural Gas	799.09	18.43	0.01			
2. Industrial Processes	721.04	0.68	0.00	717.38	75.08	0.00
A. Mineral Products	477.88	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	175.34	0.68	0.00	0.00	0.00	0.00
C. Metal Production	67.81	0.00	0.00	0.00	9.61	0.00
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	717.38	65.47	0.00
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	151.54	13.32	0.00	0.00	0.00
A. Enteric Fermentation		135.99	0.00			
B. Manure Management		15.55	0.66			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	12.66			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	-4649.01	0.21	0.00	0.00	0.00	0.00
A. Forest Land	-10472.52					
B. Cropland	6539.07					
C. Grassland	-2629.28	0.13	0.00			
D. Wetlands	0.00					
E. Settlements	1666.38	0.08	0.00			
F. Other land	0.00					
G. Other activities	247.33					
6. Waste	18.45	61.19	0.36	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	57.97	0.00			
B. Wastewater Handling	0.00	3.21	0.33			
C. Waste Incineration	18.45	0.02	0.03			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

Table 1 Sectoral Report for Energy (Scotland, 2005)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	47,645	27	2.59
A. Fuel Combustion Activities (Sectoral Approach)	46,684	4.36	2.58
1. Energy Industries	18,450	0.57	0.48
a. Public Electricity and Heat Production	14,057	0.20	0.31
b. Petroleum Refining	2,399	0.05	0.05
c. Manufacture of Solid Fuels and Other Energy Industries	1,994	0.32	0.12
2. Manufacturing Industries and Construction	6,083	0.51	0.34
a. Iron and Steel	57	0.01	0.00
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other (<i>please specify</i>)	6,026	0.51	0.34
3. Transport	11,661	0.66	1.49
a. Civil Aviation	707	0.02	0.02
b. Road Transportation	9,903	0.62	1.35
c. Railways	215	0.01	0.08
d. Navigation	782	0.01	0.02
e. Other Transportation (<i>please specify</i>)	54	0.00	0.02

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	10,264	2.61	0.26
a. Commercial/Institutional	2,120	0.23	0.01
b. Residential	7,551	2.29	0.05
c. Agriculture/Forestry/Fisheries	593	0.08	0.21
5. Other (Military Aircraft and Naval Vessels)	226	0.01	0.01
B. Fugitive Emissions from Fuels	961	22.49	0.01
1. Solid Fuels	0	4.92	0.00
a. Coal Mining	0	4.92	0.00
b. Solid Fuel Transformation	0	0.00	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	961	17.57	0.01
a. Oil	635	1	0.00
b. Natural Gas	0	16	NO
c. Venting and Flaring	326	0.76	0.01
Flaring	326	1	0.01
Venting	0	0	NO
Memo Items: ⁽²⁾			
International Bunkers	NA	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE		

Table 2(I) Sectoral Report for Industrial Processes (Scotland, 2005)

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GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	616	1.13	0.00	733.88	60.24	0.00
A. Mineral Products	377	0.00	0.00	0.00	0.00	0.00
1. Cement Production	342	NO	NO	0.00	0.00	0.00
2. Lime Production	0	NO	NO	0.00	0.00	0.00
3. Limestone and Dolomite Use	11	NO	NO	0.00	0.00	0.00
4. Soda Ash Production and Use	24	NO	NO	0.00	0.00	0.00
5. Asphalt Roofing	NE	NO	NO	0.00	0.00	0.00
6. Road Paving with Asphalt	NE	NO	NO	0.00	0.00	0.00
7. Other (fletton bricks)	0	0.00	NO	0.00	0.00	0.00
B. Chemical Industry	178	1.13	0.00	0.00	0.00	0.00
1. Ammonia Production	0	NE	NO	0.00	0.00	0.00
2. Nitric Acid Production	NO	NO	0.00	0.00	0.00	0.00
3. Adipic Acid Production	NO	NO	0.00	0.00	0.00	0.00
4. Carbide Production	NO	NO	NO	0.00	0.00	0.00
5. Other (<i>please specify</i>)	178	1.13	NO	0.00	0.00	0.00
C. Metal Production	60	0.00	0.00			
1. Iron and Steel Production	0	0.00	0.00	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
3. Aluminium Production	60	NO	NO	0.00	10.03	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00	0.00	0.00
5. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00

Table 2(I) Sectoral Report for Industrial Processes (Scotland, 2005)

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GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	0.00	0.00	0.00
2. Food and Drink ⁽²⁾	IE	NO	NO	0.00	0.00	0.00
E. Production of Halocarbons and SF₆	0.00	0.00	0.00	0	0.00	0.00
1. By-product Emissions	NO	NO	NO	0	0.00	0.00
2. Fugitive Emissions	NO	NO	NO	0.00	0.00	0.00
3. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	733.88	60.24	0.00
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	415.39	0.00	0.00
2. Foam Blowing	NO	NO	NO	47.62	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	25.21	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	232.40	0.00	0.00
5. Solvents	NO	NO	NO	3.88	0.00	0.00
6. Semiconductor Manufacture	NO	NO	NO	0.00	0.00	0.00
7. Electrical Equipment	NO	NO	NO	0.00	0.00	0.00
8. Other (<i>please specify</i>)	NO	NO	NO	9.38	60.24	0.00
G. Other (<i>please specify</i>)	0.00	0.00	0.00	0.00	0.00	0.00

Table 4 Sectoral Report for Agriculture (Scotland, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CH₄	N₂O
CATEGORIES	(Gg)	
Total Agriculture	151.04	12.82
A. Enteric Fermentation	135.48	0.00
1. Cattle	96.23	NO
2. Buffalo	NO	NO
3. Sheep	37.93	NO
4. Goats	0.02	NO
5. Camels and Llamas	NO	NO
6. Horses	0.52	NO
7. Mules and Asses	NO	NO
8. Swine	0.70	NO
9. Poultry	0	NO
10. Other (Deer)	0.08	NO
B. Manure Management	15.56	0.67
1. Cattle	12.07	0.00
2. Buffalo	NO	NO
3. Sheep	0.90	0.00
4. Goats	0.00	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.04	0.00
7. Mules and Asses	NO	NO
8. Swine	1.41	0.00
9. Poultry	1.14	0.00
9a. Deer	0.00	0.00

Table 4 Sectoral Report for Agriculture (Scotland, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CH₄	N₂O
CATEGORIES	(Gg)	
B. Manure Management (continued)		
10. Anaerobic Lagoons	NO	NO
11. Liquid Systems	NO	0.02
12. Solid Storage and Dry Lot	NO	0.60
13. Other (Poultry Litter, Stables etc)	NO	0.05
C. Rice Cultivation	NO	NO
D. Agricultural Soils⁽¹⁾	NE	12.16
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	0.00	0.00
1 . Cereals	0.00	0.00
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.00	0.00
G. Other	0.00	0.00

Table 5 Sectoral Report for Land Use Change and Forestry (Scotland, 2005)

GREENHOUSE GAS SOURCE AND SINK	CO₂	CH₄	N₂O
CATEGORIES	(Gg)		
5. Land-Use Change and Forestry	-4,581	0.21	0.00
A. Forest Land	-10,133		
B. Cropland	6,554		
C. Grassland	-2,596	0.13	0.00
D. Wetlands			
E. Settlements	1,663	0.08	0.00
F. Other land			
G. Other activities	-69		

Table 6 Sectoral Report for Waste (Scotland, 2005)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	18	62	0.36
A. Solid Waste Disposal on Land	0.00	58	0.00
1. Managed Waste Disposal on Land	0.00	58	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	3.22	0.33
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	3.22	0.33
3. Other (<i>please specify</i>)			
C. Waste Incineration	18	0.02	0.03
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	43,698.26	240.93	15.78	733.88	60.24	0.00
1. Energy	47,645.00	26.84	2.59	0.00	0.00	0.00
A. Fuel Combustion	46,684.48	4.36	2.58	0.00	0.00	0.00
1. Energy Industries	18,449.98	0.57	0.48	0.00	0.00	0.00
2. Manufacturing Industries and Construction	6,082.96	0.51	0.34	0.00	0.00	0.00
3. Transport	11,661.43	0.66	1.49	0.00	0.00	0.00
4. Other Sectors	10,263.95	2.61	0.26	0.00	0.00	0.00
5. Other	226.16	0.01	0.01	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	960.53	22.49	0.01	0.00	0.00	0.00
1. Solid Fuels	0.00	4.92	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	960.53	17.57	0.01	0.00	0.00	0.00
2. Industrial Processes	615.92	1.13	0.00	733.88	60.24	0.00
A. Mineral Products	377.39	0.00	0.00	0.00	0.00	0.00
B. Chemical Industry	178.34	1.13	0.00	0.00	0.00	0.00
C. Metal Production	60.19	0.00	0.00	0.00	0.00	0.00
D. Other Production ⁽³⁾	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	0.00	0.00	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	733.88	60.24	0.00
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

Table 7A Summary Report for National Greenhouse Gas Inventories (Scotland, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	151.04	12.82	0.00	0.00	0.00
A. Enteric Fermentation		135.48	0.00	0.00	0.00	0.00
B. Manure Management		15.56	0.67	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	12.16	0.00	0.00	0.00
E. Prescribed Burning of Savannas		NO	NO	0.00	0.00	0.00
F. Field Burning of Agricultural Residues		0.00	0.00	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
5. Land-Use Change and Forestry	-4,581	0.21	0.00	0.00	0.00	0.00
A. Forest Land	-10,133					
B. Cropland	6,554					
C. Grassland	-2,596	0.13	0.00			
D. Wetlands	0.00					
E. Settlements	1,663	0.08	0.00			
F. Other land	0.00					
G. Other activities	-69.03					
6. Waste	18.4	61.7	0.36	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	58.47	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	3.22	0.33	0.00	0.00	0.00
C. Waste Incineration	18.4	0.02	0.03	0.00	0.00	0.00
D. Other						

Footnotes for Tables 1 to 7 ^m

- a Net flux may be estimated as the sum of emissions and removals
- b Emissions from military, off-shore industry, aviation and shipping are unallocated
- c Fugitive emissions from oil and gas terminals and on-shore fields only
- d Emissions given for information only and are not totalled
- e Fugitive and byproduct emissions are combined.
- f Includes metered dose inhalers
- g Field burning ceased in 1994
- h Sum of removals to forest biomass, forest litter and forest soil
- i Sum of emissions from soils and removals to soils due to land use change (not forestry), Set Aside and liming of agricultural land
- j Sum of emissions from soils due to upland drainage, lowland drainage and peat extraction
- k 5E Removals are increases in crop biomass
- l Emissions from own wastewater treatment by industry not estimated
- m The following IPCC tables are omitted because they are not applicable: Tables 3, 7B sheet 3